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The *Third*, respects *Jupiter*, wherein *Campani* affirms he hath observed by the goodnes of his Glasses, certain *protuberancies* and *inequalities*, much greater than those that have been seen therein hitherto. He addeth, that he is now observing, whether those sallies in the said *Planet* do not change their scituation, which if they should be found to do, he judgeth, that *Jupiter* might then be said to turn upon his *Axe*; which, in his opinion, would serve much to confirm the opinion of *Copernicus*. Besides this, he affirms, he hath remarked in the *Belts* of *Jupiter*, the shaddows of his *satellites*, and followed them, and at length seen them emerge out of his Disk.

A Spot in one of the Belts of Jupiter.

The Ingenious Mr. *Hook* did, some moneths since, intimate to a friend of his, that he had, with an excellent twelve foot Telescope, observed, some days before, he than spoke of it, (*videl.* on the ninth of *May*, 1664. about 9 of the clock at night) a small Spot in the biggest of the 3 obscurer *Belts* of *Jupiter*, and that, observing it from time to time, he found, that within 2 hours after, the said Spot had moved from East to West, about half the length of the Diameter of *Jupiter*.

The Motion of the late Comet prædicted.

There was lately sent to one of the *Secretaries* of the *Royal Society* a Packet, containing some Copies of a Printed Paper, Entituled, The *Ephemerides* of the *Comet*, made by the same Person, that sent it, called *Monsieur Auxout*, a *French* Gentleman of no ordinary Merit and Learning, who desired, that a couple of them might be recommended to the said *Society*, and one to their *President*, and another to his Highness Prince *Rupert*, and the rest to some other Persons, nominated by him in a Letter that accompanied this present, and known abroad for their singular abilities and knowledge in Philosophical Matters. The end of the Communication of this Paper was, That, the motion of the *Comet*, that hath lately appeared, having been prædicted by the said *Monsieur Auxout*